

REMARKS

The amendments made herein are to correct typing and printing errors and add addition background information and other changes in the interest of adding clarity.

A clean copy of the corrected equations 5, 9, 10 and 11 is presented below. The correction is in use of the wrong symbol on either side of Σ .

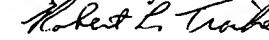
$$b_j(o_t) = \sum_{m=1}^{N_M} w_m \frac{1}{\sqrt{(2\pi)^{N_F} |\sum|}} e^{-\frac{1}{2}(\alpha - \mu)^T \Sigma^{-1} (\alpha - \mu)}, \quad (5)$$

$$\tilde{b}_j(o_t) = \sum_{m=1}^{N_M} w_m \frac{1}{\sqrt{(2\pi)^{N_F} |\sum|}} e^{-\frac{1}{2}(\alpha - \mu)^T (\Sigma^{-1})^T (\Sigma^{-1}) (\alpha - \mu)} \quad (9)$$

$$\tilde{b}_j(o_t) = \sum_{m=1}^{N_M} w_m \frac{1}{\sqrt{(2\pi)^{N_F} |\sum|}} e^{-\frac{1}{2}(\alpha - \mu)^T (\Sigma^{-1}) (\alpha - \mu)}, \quad (10)$$

$$\tilde{b}_j(o_t) = \sum_{m=1}^{N_M} w_m \frac{1}{\sqrt{(2\pi)^{N_F} |\sum|}} e^{-\frac{1}{2}(o_t - \mu)^T \Sigma^{-1} (\alpha - \mu)} \quad (11)$$

Respectfully submitted;



Robert L. Troike (Reg. 24183)

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